

FIG. 1

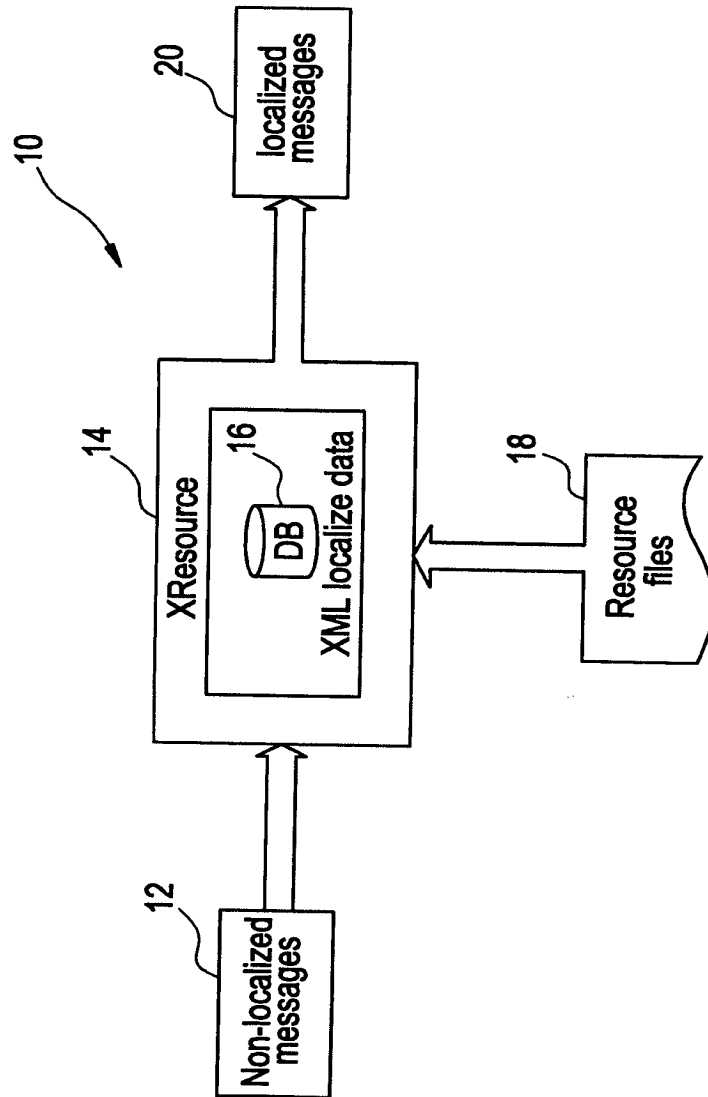


FIG. 2A

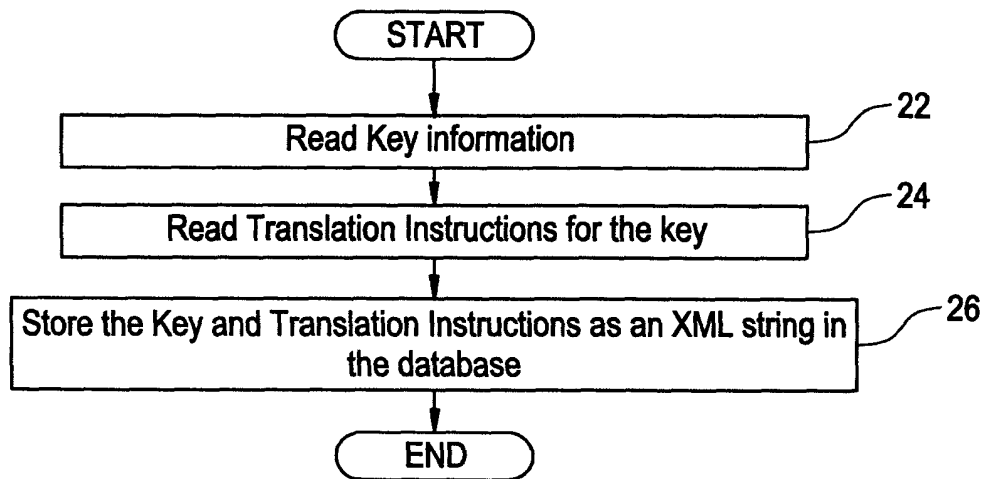
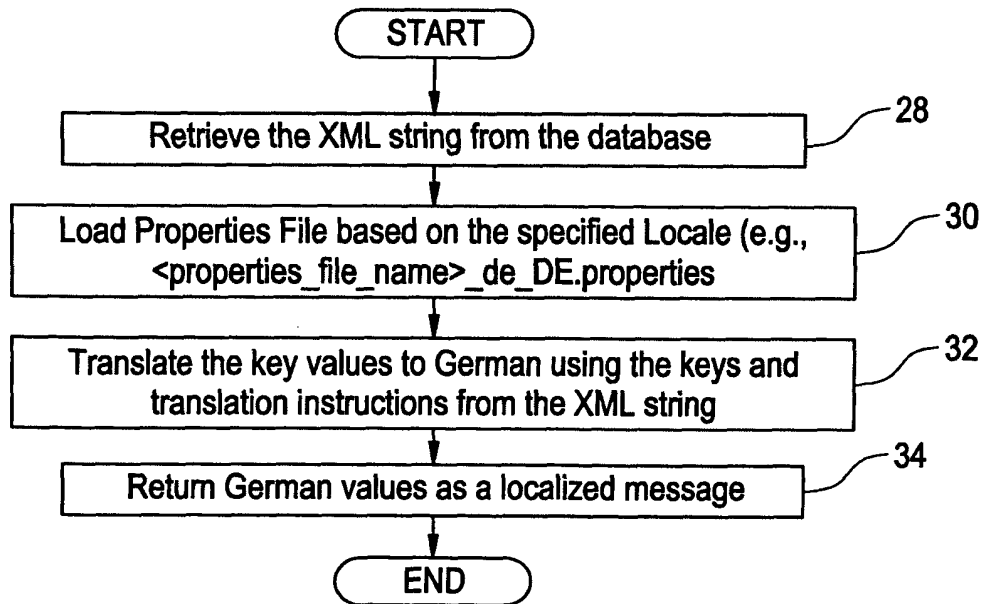


FIG. 2B



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FIG. 3A

12₁
NON-LOCALIZED MESSAGE:

CAPACITY USAGE ON HOST dragon4 HAS EXCEEDED 2,344,344,000 BYTES

FIG. 3B

18₁
Properties File:

EventTable.properties: exceed_event = CAPACITY USAGE ON HOST {0} HAS EXCEEDED {1} BYTES

EventTable.properties: host = host {0}

FIG. 3C

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// Construct a ResourceDescriptor and the key ...

ResourceDescriptor rd = new ResourceDescriptor();

String key = "exceed_event";

// Create the values in {0} and {1} ... Note that the indices of the values List
// must correspond to the place-holders ({0} and {1}) of the MessageFormat.

List values = new Vector();

// Create values[0]... This is another ResourceDescriptor!

ResourceDescriptor rd1 = new ResourceDescriptor();

List v1 = new Vector(1);

v1.add("dragon4");

rd1.setDescriptor("host", v1);

values.add(rd1);

// Create values[1]...

values.add(new Double(2344344000));

// Now, let's set the ResourceDescriptor rd...

rd.setDescriptor(key, values);

// Get an XML out of the ResourceDescriptor to store into the database...

String toStore = XResource.getXML(rd);

// Store the "toStore" string to the database:

....

FIG. 3D

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XML STRING
  <msg key="exceed_event">
    <value class="0">
      <msg key="host">
        <value class="1">dragon4</value>
      </msg>
    </value>
    <value class="3">2344344000</value>
  </msg>
```

FIG. 3E

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// The localized message localized in "de_DE"
String localizedMsg = XResource.getString(XMLMsg.res, new Locale("de_DE"));
```

FIG. 3F

20₁

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Localized Message:
DER LEISTUNGSFAHIGKEITGEBRAUCH AM dragon4 HAT 2,344,344,000
ÜBERSCHRITTEN BYTES
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FIG. 4

